Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 23 Jul 2021 until 23:59 on Saturday 24 Jul 2021

Forecast Issued on Thursday 22 Jul 2021 at 17:14

Confidence: High for mainly dry, settled conditions at first, becoming more changeable over the weekend with showers or longer spells of rain. Medium for persistence of low cloud on Friday morning and risk of thunderstorms on Saturday and Sunday.

Headline for Friday 23 Jul 2021: A murky start Friday. Sunny spells, prolonged later developing by day. Warm, but feeling fresher.

Mountain weather hazards on Friday 23 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Sunny intervals	Sunny	Sunny	Sunny	Sunny intervals
Precipitation probability							
00%	<05%	<05%	00%	00%	00%	00%	00%

Forecast for Friday 23 Jul 2021

Weather: Dry throughout with low cloud and hill fog becoming extensive overnight, though some western peaks remaining largely cloud free. An overcast start to Friday morning in the east, but some good cloud breaks in the sheltered west with sunny spells. Sunshine becoming more widespread through the morning and especially into the afternoon as cloud lifts and breaks. Warm again, but a noticeably fresher feel to the conditions. Patchy cloud returning by evening, though not as low as through the morning.

Chance of cloud free mountain/hill tops above 600m: 20%, but 60% in the west, becoming greater than 95% throughout by midday. Reducing to 80% from late evening.

Visibility: Extensive cloud bases 400-500m in the east overnight and through the early morning, but only patchy in the west. Slightly hazy beneath the cloud base, but generally good visibilities. Distant hills becoming more easily visible during the afternoon and evening as cloud lifts and breaks up. Patches of cloud likely lowering to around 600-700m from late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 23 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 E	7/10 E	9/13 E	9/14 E	10/16 E	11/18 E	12/19 E	10/17 E	12/19 E
300	6/10 NE	6/10 NE	7/12 E	7/13 E	8/15 E	9/17 E	10/19 E	8/16 E	8/17 E
Valley	6/11 E	5/10 E	5/10 E	8/13 E	8/14 E	9/17 E	9/17 E	7/15 E	7/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/13	13/12	12/11	15/14	18/16	19/17	17/15	12/10	10/8
300	15/15	14/14	15/14	19/18	22/21	22/21	20/18	15/14	13/12
Valley	17/17	15/15	16/16	21/20	24/23	24/23	22/21	17/16	14/13
Freezing Level*	2700m	2700m	2600m	2600m	2500m	2500m	2500m	2400m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine developing widely by Friday afternoon with high UV levels. Along with warm temperatures and light winds, sun protection and plenty of water is advised.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 22 Jul 2021	0mm	0mm	0mm

Forecast for Saturday 24 Jul 2021

Weather: Remaining dry overnight, though cloud becoming extensive across the park. Sunny spells developing on Saturday morning as low cloud lifts and breaks. Cloudier with a chance of showers spreading northwards into the early afternoon, but many parts staying dry. Becoming drier and brighter from the south later with sunny spells then further showers perhaps breaking out into the evening. These could be heavy and thundery in nature.

Maximum wind: East-northeasterly 25 mph, gusting 35 mph.

Chance of cloud free mountain/hill tops above 600m: 80% overnight. Generally greater than 95% by day, but 70% in heavier showers during the evening.

Visibility: Generally good, but patchy cloud overnight lowering to 600-700m at times, briefly obscuring hilltops. Excellent air clarity during daylight hours in general but cloud bases perhaps temporarily lowering to 500-700m in evening showers.

Temperature: **Valleys:** Plus 14 becoming Plus 21 Celsius.
At 600m: Plus 10 becoming Plus 16 Celsius.
Freezing level: Above summits.

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